

ZION FUEL MOISTURE TRENDS

9-Jun-03		23-Jun-03		7-Jul-03		21-Jul-03		8-Aug-03		18-A
Avg.	Trend	Avg.	Trend	Avg.	Trend	Avg.	Trend	Avg.	Trend	Avg.

Kolob Terrace Road

Utah Juniper (JUOS)	98%	1%	92%	-6%	95%	3.0%	83%	-12%	78%	-5%	90%
Greenleaf Manzanita (ARPA)	133%	-18%	97%	-36%	93%	-4.0%	70%	-23%	76%	6%	78%

Fire Pit Pullout

Big Basin Sagebrush (ARTR)	191%	-32%	121%	-70%	102%	-19%	86%	-16%	99%	13%	99%
Gambel Oak (QUGA)	129%	-43%	102%	-27%	129%	27%	101%	-28%	97%	-4%	97%
Greenleaf Manzanita (ARPA)	143%	49%	127%	-16%	110%	-17%	92%	-18%	100%	8%	108%
Litter	0%	-3%	3%	3%	3%	0.0%	6%	3%	7%	1%	11%
Duff	1%	-1%	3%	2%	4%	1.0%	12%	8%	6%	-6%	91%
soil	1%	0%	1%	0%	2%	1.0%	2%	0%	2%	0%	11%
10 hr FTML	6%		4%	-2%	3%	-1.0%	6%	3%	4%	-2%	9%

Ponderosa Pullout

Ponderosa Pine (PIPO)	88%	6%	122%	34%	112%	-10%	101%	-11%	116%	15%	118%
Gambel Oak (QUGA)	137%	-98%	123%	-14%	114%	-9.0%	101%	-13%	97%	-4%	99%

Lava Point

Black Sagebrush (ARNO)	182%	-42%	129%	-53%	93%	-36%	88%	-5%	93%	5%	112%
Gambel Oak (QUGA)	83%	-102%	109%	26%	109%	0%	101%	-8%	99%	-2%	96%
Ponderosa Pine (PIPO)	88%	20%	96%	8%	127%	31%	192%	65%	118%	-74%	116%
White Fir (ABCO)	92%	-9%	94%	2%	105%	11%	108%	3%	109%	1%	125%
Litter	4%	7%	4%	0%	1%	-3.0%	5%	4%	7%	2%	21%
Duff	11%	0%	8%	-3%	2%	-6.0%	15%	13%	13%	-2%	51%
Soil	6%	-3%	4%	-2%	1%	-3.0%	11%	10%	2%	-9%	11%
1,000 hr. fuels (3.5")	9%	2%	10%	1%	6%	-4.0%	5%	-1%	7%	2%	13%
10 hr FTML	4%		1%	-3%	n/a	n/a	8%	n/a		n/a	13%

East Mesa

Gambel Oak (QUGA)	132%	-99%	96%	-36%	104%	8.0%	97%	-7%	98%	1%	95%
Pinyon Pine (PIED)	83%	-1%	93%	10%	95%	2.0%	105%	10%	106%	1%	115%
Greenleaf Manzanita (ARPA)	169%	60%	102%	-67%	133%	31%	114%	-19%	108%	-6%	106%
1,000 hr. fuels (3.5")	32%	-30%	20%	-12%	6%	-14%	12%	6%	11%	-1%	n/a
10 hr FTML	6%		4%	-2%	2%	-2.0%	9%	7%	5%	-4%	10%

Stave Spring

Ponderosa (PIPO)	76%	-9%	81%	5%	95%	14%	114%	19%	132%	18%	126%
Gambel Oak (QUGA)	174%	-51%	110%	-64%	101%	-9.0%	103%	2%	102%	-1%	108%
Rocky Mtn. Juniper (JUSC)	103%	17%	105%	2%	126%	21%	115%	-11%	124%	9%	105%
Big Basin Sagebrush (ARTR)	262%	-23%	194%	-68%	164%	-30%	148%	-16%	114%	-34%	108%
Litter	5%	2%	5%	0%	2%	-3.0%	5%	3%	5%	0%	13%
Duff	5%	-7%	6%	1%	4%	-2.0%	4%	0%	6%	2%	24%
Soil	3%	-5%	2%	-1%	4%	2.0%	4%	0%	1%	-3%	7%
10 hr FTML	5%		4%	-1%	3.5%	-0.5%	6%	3%	5%	-1%	8%

Aug-03
Trend

12%
2%

0%
0%
8%
4%
85%
9%
5%

2%
2%

19%
-3%
-2%
16%
14%
38%
9%
6%
n/a

-3%
9%
-2%
n/a
5%

-6%
6%
-19%
-6%
8%
18%
6%
3%